



CONSTRUCTION EQUIPMENT

SWO 064668 VOLVO A45G 352639 - FRONT AXLE



Sample No: VCP416401
Oil Type: NOT GIVEN
Job No: SWO 064668



SAMPLE INFORMATION

Sample Number	VCP416401	VCP410477	VCP397074	VCP368331
Sample Date	07 Aug 2023	12 May 2023	17 Feb 2023	08 Nov 2022
Machine Hours	4377	3923	3418	2948
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	291	50.2	50.0	49.9
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CONTAMINATION

Silicon	ppm	5	6	5	5
Sodium	ppm	0	1	<1	2
Potassium	ppm	<1	3	2	0



WEAR METALS

Iron	ppm	53	395	416	331
Copper	ppm	<1	2	1	3
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	5	4	4
Molybdenum	ppm	2	5	4	4
Nickel	ppm	<1	1	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	10	10	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	89	88	100	88
Magnesium	ppm	18	0	7	0
Zinc	ppm	61	43	58	5
Phosphorus	ppm	1043	2271	2294	2175
Barium	ppm	2	0	0	0
Boron	ppm	207	177	188	181

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10603719
Signed: Sean Felton
Report Date: 15 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

